BRUHAT BANGALORE MAHANAGARA PALIKE

Byatarayanapura Division

Job Code :- 007-18-000017, 007-18-000018, 007-18-000009, 007-18-000015, 28581

Name of Agency :- B.B. UMESHA

3rd and Final Bill

Name of Work: Construction and Improvements of Toilets in Sahakaranagar, Byatarayanapura Surroundings areas in Ward No. 07, Byatarayanapura.

BOQ Item No	Description of item	Side	No	L	B	D	Qty	Unit
	Pre - Measurement Recorded on							
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 Page No. 142 / Item No. 19.1, PWD SR 2016-17							
			Quantity Recorded in 1st Bill				1878.02	
			Quantity Recorded in 2nd Bill				477.50	
	Present Quantity							
	Near Esteem Mall							
	Compound Wall		1	30.00	0.80	0.75	18.00	5/10/202
						Total Executed Quantity	2373.52	
						DPQ in 1st Bill	-1878.02	
						DPQ in 2nd Bill	-477.50	
						Present Quantity to be Paid	**18.00**	**Cu-m**

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

Assistant Engineer

Assistant Executive Engine

Name of Work: Construction and Improvements of Toilets in Sahakaranagar, Byatarayanapu Surroundings areas in Ward No. 07, Byatarayanapura.

BOQ Item No	Description of item	Side	No	L	B	D	Qty	Unit
	Pre - Measurement Recorded on							
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No. 12/I.No. 4.2 of CSR 2016-17)							
			Quantity Recorded in 1st Bill				224.72	
			Quantity Recorded in 2nd Bill				72.79	
	Present Quantity							
	Smashana							
	Near Esteem Mall							
	Compound Wall		1	30.00	0.80	0.15	3.60	5|1
				Total Executed Quantity			301.11	
					DPQ in 1st Bill		-224.72	
					DPQ in 2nd Bill		-72.79	
			Present Quantity to be Paid				3.60	Cu

3.58

Contractor

Assistant Engineer

Assistant Executive E

Kodigehalli Sub Div

BBMP, Bangalor

Name of Work: Construction and Improvements of Toilets in Sahakaranagar, Byatarayanapura Surroundings areas in Ward No. 07, Byatarayanapura.								
BOQ Item No	**Description of item**	**Side**	**No**	**L**	**B**	**D**	**Qty**	**Unit**
	Pre - Measurement Recorded on							
4	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23 / Item No. 5.6, PWD SR 2016-17							
			Quantity Recorded in 1st Bill				**174.78**	
			Quantity Recorded in 2nd Bill				**32.40**	
	Present Quantity							
	Smashana							
	Near Esteem Mall							
	Compound Wall		1	30.00	0.45	0.60	8.10	
				Total Executed Quantity			**215.28**	
					DPQ in 1st Bill		-174.78	5/10/20
					DPQ in 2nd Bill		-32.40	
			Present Quantity to be Paid				**8.10**	**Cu-m**

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

ame of Work: Construction and Improvements of Toilets in Sahakaranagar, Byatarayanapura arroundings areas in Ward No. 07, Byatarayanapura.

BOQ tem No	Description of item	Side	No	L	B	D	Qty	Unit
	Pre - Measurement Recorded on							
5	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23 / Item No. 5.6, PWD SR 2016-17							
			Quantity Recorded in 1st Bill				**0.00**	
			Quantity Recorded in 2nd Bill				**30.30**	
	Present Quantity							
	Govt High School							
	Jakkur Main Road							
	For Foundations							
	Outer Walls							
	Long Wall		1	6.80	0.60	0.60	2.45	
	Short Wall		2	4.70	0.60	0.60	3.38	
	Inner Walls							
	Long Wall L1		2	5.75	0.45	0.60	3.11	
	L2		1	2.08	0.45	0.60	0.56	
	L3		1	1.15	0.45	0.60	0.31	
	Short Wall S1		7	0.90	0.45	0.60	1.70	
	Short Wall S2		1	2.20	0.45	0.60	0.59	
	For Compound Wall		1	6.00	0.60	0.60	2.16	
			1	11.00	0.60	0.60	3.96	
			2	1.50	0.60	0.60	1.08	
				Total Executed Quantity			**49.60**	
					DPQ in 1st Bill		0.00	
					DPQ in 2nd Bill		-30.30	
			Present Quantity to be Paid				**19.30**	**Cu-**

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

Assistant Engineer

Assistant Executive Eng

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Name of Work: Construction and Improvements of Toilets in Sahakaranagar, Byatarayanapura Surroundings areas in Ward No. 07, Byatarayanapura.								
BOQ Item No	**Description of item**	**Side**	**No**	**L**	**B**	**D**	**Qty**	**Unit**
	Pre - Measurement Recorded on							
6	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23 / Item No. 5.9, PWD SR 2016-17							
			Quantity Recorded in 1st Bill				**80.60**	
			Quantity Recorded in 2nd Bill				**14.58**	
	Present Quantity							
	Smashana							
	Near Esteem Mall							
	Compound Wall		1	30.00	0.45	0.45	6.08	
				Total Executed Quantity			**101.26**	
					DPQ in 1st Bill		-80.60	
					DPQ in 2nd Bill		-14.58	
			Present Quantity to be Paid				**6.08**	**Cu-m**

6.07

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Name of Work: Construction and Improvements of Toilets in Sahakaranagar, Byatarayanapura Surroundings areas in Ward No. 07, Byatarayanapura.									
BOQ Item No	Description of item	Side	No	L	B	D	Qty	Unit
	Pre - Measurement Recorded on							
7	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23 / Item No. 5.9, PWD SR 2016-17							
			Quantity Recorded in 1st Bill				0.00	
			Quantity Recorded in 2nd Bill				25.64	
	Present Quantity							
	Govt High School							
	Jakkur Main Road							
	For Foundations							
	Outer Walls							
	Long Wall		1	6.65	0.45	0.60	1.80	
	Short Wall		2	5.75	0.45	0.60	3.11	
	For Compound Wall		1	6.00	0.45	0.60	1.62	
			1	11.00	0.45	0.23	1.14	
			2	1.50	0.45	0.23	0.31	
				Total Executed Quantity			33.61	
					DPQ in 1st Bill		0.00	
					DPQ in 2nd Bill		-25.64	
			Present Quantity to be Paid				7.97	Cu-m

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

Assistant Engineer

Assistant Executive Engineer

Name of Work: Construction and Improvements of Toilets in Sahakaranagar, Byatarayanapura Surroundings areas in Ward No. 07, Byatarayanapura.								
BOQ Item No	**Description of item**	**Side**	**No**	**L**	**B**	**D**	**Qty**	**Unit**
	Pre - Measurement Recorded on							
8	KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications Page No. 113 / Item No. 15.3, PWD SR 2016-17							
			Quantity Recorded in 1st Bill				**292.50**	
			Quantity Recorded in 2nd Bill				**32.40**	
	Present Quantity							
	Smashana							
	Near Esteem Mall							
		Sq-m						
	Compound Wall	2	1	30.00		0.45	27.00	
				Total Executed Quantity			**351.90**	
					DPQ in 1st Bill		-292.50	
					DPQ in 2nd Bill		-32.40	
			Present Quantity to be Paid				**27.00**	**Sq-m**

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

f Work: Construction and Improvements of Toilets in Sahakaranagar, Byatarayanapura ndings areas in Ward No. 07, Byatarayanapura.

	Description of item	Side	No	L	B	D	Qty	Unit
	Pre - Measurement Recorded on							
22	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing , main and secondary beams with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Page No. 18, Item No. 4.48, PWD SR 2016-17 (with 8% area Weightage)							
			Quantity Recorded in 1st Bill				**0.00**	
			Quantity Recorded in 2nd Bill				**46.24**	
	Present Quantity							
	Govt High School							
	Jakkur Main Road							
	Column Footing		6	1.20	1.20	0.45	3.89	
	Column Below Ground Level		6	0.45	0.15	0.90	0.36	21/9/20
	Plinth Beam		1	16.95	0.15	0.45	1.14	
	Column Above Ground Level		6	0.45	0.15	4.00	1.62	
	Lintel							
	Front		1	5.30	0.15	0.15	0.12	
	Back Side		1	5.30	0.15	0.15	0.12	
	Roof Beam		1	16.95	0.15	0.45	1.14	03/10/20
	Roof Slab		1	6.35	5.30	0.15	5.05	07/10/20
	Slab Projection							
			1	5.30	1.00	0.15	0.80	
	Ventilation Projection		1	10.00	0.60	0.10	0.60	
	For Flooring		1	6.05	5.15	0.15	4.67	
	For Fixing Tank		1	2.00	1.50	0.15	0.45	
						Total Executed Quantity	**66.21**	
						DPQ in 1st Bill	0.00	
						DPQ in 2nd Bill	-46.24	
						Present Quantity to be Paid	**19.97**	**Cum**
							19.96	

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

Assistant Engineer

Assistant Executive Engineer

Name of Work: Construction and Improvements of Toilets in Sahakaranagar, Byatarayanapura Surroundings areas in Ward No. 07, Byatarayanapura.								
BOQ Item No	Description of item	Side	No	L	B	D	Qty	Unit
	Pre - Measurement Recorded on							
9	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. Page No.12, Item No. 4.6 PWD SR 2016-17							
			Quantity Recorded in 1st Bill				26.73	
			Quantity Recorded in 2nd Bill				5.10	
	Present Quantity							
	Govt High School							
	Jakkur Main Road							
	Coping Concrete							
			1	18.15	0.45	0.10	0.82	
	Long Wall L1		2	5.75	0.45	0.10	0.52	
	L2		1	2.08	0.45	0.10	0.09	
	L3		1	1.15	0.45	0.10	0.05	
	Short Wall S1		7	0.90	0.45	0.10	0.28	
	Short Wall S2		1	2.20	0.45	0.10	0.10	
	For Compound Wall		1	6.00	0.45	0.10	0.27	
			1	11.00	0.45	0.10	0.50	
			1	1.50	0.45	0.10	0.07	
			1	30.00	0.45	0.10	1.35	
				Total Executed Quantity			**35.87**	
					DPQ in 1st Bill		-26.73	
					DPQ in 2nd Bill		-5.10	
				Present Quantity to be Paid			**4.04**	**Cum**

C+K 12/10/20

AEE 12/10/2020

Contractor

Assistant Engineer

Assistant Executive Engineer

Name of Work: Construction and Improvements of Toilets in Sahakaranagar, Byatarayanapura Foundings areas in Ward No. 07, Byatarayanapura.

SOQ Item No	Description of item	Side	No	L	B	D	Qty	Unit
	Pre - Measurement Recorded on							
	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 Page No. 17 / Item No. 4.46.2, PWD SR 2016-17							
			Quantity Recorded in 1st Bill				**0.00**	
			Quantity Recorded in 2nd Bill				**4.62**	
	Present Quantity							
	Govt High School							
	Jakkur Main Road							
	Column Footing							
	Main Bar 16mm Dia	6	16	1.61		1.5802	244.24	
	Distribution Bar 16mm Dia	6	16	1.61		1.5802	244.24	
	Column Below Ground Level							
	Main Bar 16mm Dia	6	8	1.50		1.5802	113.78	
	Stirrups of 10mm Dia	6	15	1.20		0.6173	66.67	
	C- Hooks	6	10	0.20		0.6173	7.41	
	Plinth Beam							
	Top Bars 16 mm dia	1	2	16.95		1.5802	53.57	
	Bottom Bars 16 mm dia	1	2	16.95		1.5802	53.57	
	Extra Top Bar	1	4	3.50		1.5802	22.12	
	Extra Bottom Bar Bar	1	4	2.50		1.5802	15.80	
	Extra Bottom Bar Bar	1	3	1.75		1.5802	8.30	
	Stirrups 8mm Dia	1	169.5	1.20		0.3951	80.36	
	Column Above Plinth Beam							
	Main Bar 16mm Dia	6	8	4.00		1.5802	303.41	
	Stirrups of 10mm Dia	6	40	1.20		0.6173	177.78	
	C- Hooks	6	30	0.20		0.6173	22.22	
	Lintel							
	Front and Back Side							
	Top Bars 12mm dia	1	2	10.60		0.8889	18.84	
	Bottom Bars 10 mm dia	1	2	10.60		0.6173	13.09	
	Roof Beam							
	Top Bars 12 mm dia	1	2	16.95		0.8889	30.13	
	Bottom Bars 16 mm dia	1	2	16.95		1.5802	53.57	
	Extra Top Bar	1	4	3.50		1.5802	22.12	

Contractor

Assistant Engineer

Assistant Executive Engin

Name of Work: Construction and Improvements of Toilets in Sahakaranagar, Byatarayanapura surroundings areas in Ward No. 07, Byatarayanapura.

BOQ Item No	Description of item	Side	No	L	B	D	Qty	Unit
	Pre - Measurement Recorded on							
	Extra Bottom Bar Bar	1	4	2.65		1.5802	16.75	
	Stirrups 8mm Dia	1	169.5	1.20		0.3951	80.36	
	Roof Slab							
	Main Bar 12 mm Dia	1	64	5.30		0.8889	301.51	
	Distribution Bar 10mm Dia	1	53	6.35		0.6173	207.75	
	Chairs	1	15	1.05		0.6173	9.72	
	Slab Projection							
	Main Bar 12 mm Dia	1	53	1.00		0.8889	47.11	
	Distribution Bar 10mm Dia	1	10	5.30		0.6173	32.72	
	Chairs	1	2	1.05		0.6173	1.30	
	Ventilator Projection							
	Main Bar 12 mm Dia	1	100	0.60		0.8889	53.33	
	Distribution Bar 10mm Dia	1	6	10.00		0.6173	37.04	
	For Tank Fixing Slab							
	Main Bar 12 mm Dia	1	20	1.50		0.8889	26.67	
	Distribution Bar 12mm Dia	1	15	2.00		0.8889	26.67	
							2.39	
					Total Executed Quantity		**7.01**	
					DPQ in 1st Bill		0.00	
					DPQ in 2nd Bill		-4.62	
					Present Quantity to be Paid		**2.39**	**Tonne**

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Name of Work: Construction and Improvements of Toilets in Sahakaranagar, Byatarayanapura Buildings areas in Ward No. 07, Byatarayanapura.

SI No	Description of item	Side	No	L	B	D	Qty	Unit
	Pre - Measurement Recorded on							
	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No. 15 / Item No. 4.31 PWD SR 2016-17							
			Quantity Recorded in 1st Bill				**0.00**	
			Quantity Recorded in 2nd Bill				**390.31**	
	Present Quantity							
	Govt High School							
	Jakkur Main Road							
	Column Footing		6	4.80		0.45	12.96	
	Column		6	1.20		4.90	35.28	
	Plinth Beam		1	34.20		0.45	15.39	
	Lintel							
	Front		1	10.90		0.15	1.64	
	Back Side		1	10.90		0.15	1.64	
	Roof Beam		1	34.20		0.45	15.39	
	Roof Slab		1	6.35	5.30		33.66	
	Slab Projection		1	5.30	1.00		5.30	
	Ventilation Projection		1	10.00		0.60	6.00	
	For Fixing Tank		1	7.00		0.15	1.05	
				Total Executed Quantity			**518.61**	
					DPQ in 1st Bill		0.00	
					DPQ in 2nd Bill		-390.31	
				Present Quantity to be Paid			**128.30**	**Sqm**

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore